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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Isamu KUROKAWA, Hiroaki NAKANISHI, Junichi MUTO, Hisaharu TAKEUCHI and
Masahiro KAWAGUCHI

Serial No: Not assigned

Filed: July 28, 2003

For: INFORMATION PROCESSING SYSTEM

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

Customer Number

000026021



26021

PATENT TRADEMARK OFFICE

Transmitted herewith for filing is the patent application identified above.

- 7 sheet(s) of drawings (formal informal) is(are) enclosed.
- 28 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
- An assignment of the invention to HITACHI, LTD. is enclosed will follow.
- An associate power of attorney is enclosed will follow.
- Applicant claims small entity status. See 37 CFR 1.27.
- Declaration and Power of Attorney is enclosed will follow.
- A certified copy of Japanese Patent Application No. 2002-240719 filed August 21, 2002 from which priority is claimed under 35 U.S.C. § 119 is enclosed.
- IDS enclosed (with 5 reference(s)).
- Preliminary Amendment is enclosed.
- Application data sheet is enclosed. See 37 CFR 1.76.
- Return postcard is enclosed.

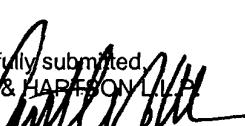
CALCULATION OF FEES

ITEM	TOTAL NO. OF CLAIMS	NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE	24	-20	4	LG=\$18 SM=\$9	\$18
B INDEPENDENT CLAIMS FEE*	2	-3	0	LG=\$84 SM=\$42	\$84
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)					72
D MULTIPLE-DEPENDENT CLAIMS FEE				LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140	\$ 0
E BASIC FEE				LARGE ENTITY FEE = \$750 SMALL ENTITY FEE = \$375	\$ 750
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)					\$ 822
G ASSIGNMENT RECORDING FEE					\$ 40
*LIST INDEPENDENT CLAIMS 1 and 13					

- Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.
- A check in the amount of \$ 822.00 to cover the filing fee is enclosed.
- A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.
- The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- Any additional filing fees required under 37 C.F.R. 1.16
- Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted
HOGAN & HAPFON, LLP

By:


Anthony J. Orler
Registration No. 41,232
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Date: July 28, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Isamu KUROKAWA et al.
Serial No: Not assigned
Filed: July 28, 2003
For: INFORMATION PROCESSING SYSTEM

Art Unit: Not assigned
Examiner: Not assigned

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Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- check in amount of \$ 822.00 as filing fee
- patent application (28 page(s) of specification; 24 claim(s); 1 page(s) of abstract
- 7 sheet(s) of formal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to HITACHI, LTD.
- certified copy of Japanese patent application No. 2002-240719 which was filed August 21, 2002 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- Information Disclosure Statement with 5 references
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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Arlington, VA 22313-1450

Date: July 28, 2003

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Roeshene Carbonilla
Name of person mailing papers

R.M. Carbonilla
Signature